

# DynaPath™ 1914-SS

Polyamide 6

Polymer Dynamix

Message:

Extrusion Grade PA 6 for RFI/EMI Shielding

Features:

Radio Frequency Shielding (RFI)

Electromagnetic Shielding (EMI)

Sloughing, Non

Excellent Processability

Applications:

Automotive

Industrial

Electrical/Electronic Applications

General Information			
Features	Electromagnetic Shielding (EMI)		
	Good Processability		
	Non-Sloughing		
	Radio Frequency Shielding (RFI)		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Industrial Applications		
	Radiation Shielding		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	72.4	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength	121	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	960	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+2	ohms	ASTM D257
Volume Resistivity	< 10	ohms · cm	ASTM D257

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